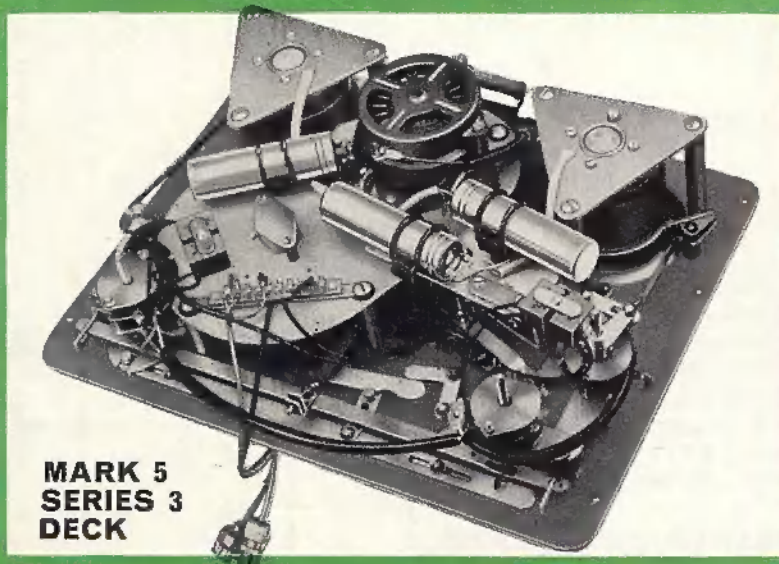


# Brenell

## TAPE RECORDING EQUIPMENT



**MARK 5  
SERIES 3  
DECK**

The Mark 5 Series 3 deck, illustrated above, is used on all models. It has provision for 4 heads, it can be used at 4 tape speeds and versions are available to take up to 10½ in. NAB reels—all features which are not only appreciated by the enthusiastic amateur but by the professional too.

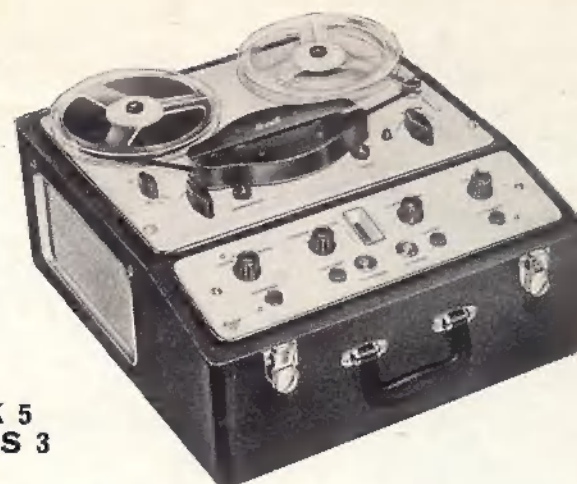
Brenell tape recorders and associated equipment are manufactured to the highest mechanical and electrical standards, and have earned a well deserved reputation for quality of performance and reliability. Brief details of the range are given on this leaflet, and overleaf is a comprehensive price list; leaflets giving full technical specifications are available on request.

*ALL MODELS have this basic specification:—*

4 record/playback speeds 17 $\frac{1}{8}$ , 3 $\frac{3}{4}$ , 7 $\frac{1}{2}$  and 15 i.p.s.—frequency correction at all tape speeds—3 outer rotor motors (capstan drive, hysteresis synchronous)—low wow and flutter content of below 0.05% at 15 i.p.s., 0.10% at 7 $\frac{1}{2}$  i.p.s., 0.15% at 3 $\frac{3}{4}$  i.p.s. and 0.25% at 17 $\frac{1}{8}$  i.p.s.—reels up to 8½ in. dia.—unique, reliable braking system—instant stop without spillage—all deck switches interlocked—pause control—superimpose switch—fast rewind (1200 ft. in 60 secs.)—digital rev. counter—hinged deck—unit construction—units interconnected by plugs and sockets.

# Brenell

**BRENELL ENGINEERING CO. LTD.**  
231-5 LIVERPOOL ROAD, LONDON, N.1.  
Telephone: NORTH 8271 (5 lines)



**MARK 5  
SERIES 3**

**MONO—HALF TRACK—TWO HEADS—MAGIC EYE**  
(Available with recording level meter at extra cost.)

High quality amplifier with power output of 2½ watts r.m.s. and a frequency response of 40—20,000 c/s—can be used independently of tape recorder—narrow gapped record/playback head for extended frequency response—double gapped ferrite erase head to minimise erase noise—head-phone monitoring.



**MARK 5  
TYPE M SERIES 3**

**MONO—HALF TRACK—THREE HEADS—RECORDING LEVEL METER**

Separate record and playback heads—separate record and playback amplifiers—amplifier frequency response 25–26,000 c/s  $\pm 3$ dB—power output 2 watts r.m.s.—separate bass and treble controls—mixing of input signals—speaker monitoring whilst recording.



**STB2**

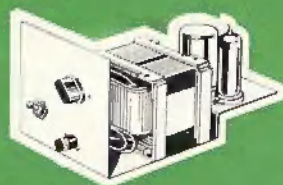
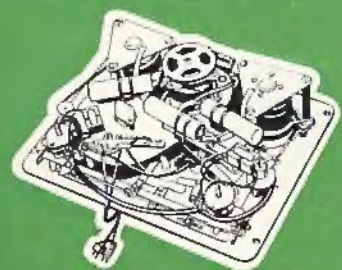
**MONO/STEREO—HALF TRACK (Record/playback)—QUARTER TRACK (playback) FOUR HEADS—TWO EDGEWISE METERS**

Designed for use with high fidelity stereo installations—adjustable attenuators on all input channels to ensure perfect matching with all auxiliary equipment—dual concentric recording level and playback level controls—cathode follower output—four channel mixing on mono programme sources—twin recording and twin playback pre-amplifiers—comparison of original and recorded signal—adjustable bias level—recording facilities for 1/2 and 2/2 track—playback facilities for 1/2, 2/2, 1/4 and 2/4 tracks—sound-on-sound facilities—two edgewise meters for recording level, tape output level and bias level.

**Optional extra: stereo power amplifiers and monitoring speakers.**



# Brenell PRICE LIST



## RECORDERS

Mark 5 Series 3 (standard)	£	s.	d.
Mark 5 Series 3 (with recording level meter)	77	14	0
Mark 5 Type M Series 3	82	19	0
STB2/5/2	97	13	0
STB2/510/2	150	0	0
(All complete recorders are supplied with 1,200 ft. of tape and an empty spool. Microphones are extra.)	170	0	0
STB2 stereo power amplifier with two 5 in. x 3 in. speakers	25	0	0

## DECKS

Mark 5 Series 3 Deck, 1 u/t Erase 1 u/t Record/Playback	38	0	0
Mark 5 Series 3 Deck, 1 u/t Erase 1 u/t Record 1 u/t Playback	42	0	0
Mark 5 Series 3 Deck, 1 u/t Erase 1 l/t erase 1 u/t R/PB 1 l/t R/PB	45	0	0
Mark 5 Series 3 Deck, 1 2/2 Erase 1 2/2 R/PB (1/2 track stereo)	45	0	0
Mark 5 Series 3 Deck, 1 2/2 Erase 1 2/2 Record 1 2/2 PB (1/2 track stereo)	54	0	0
Mark 5 Series 3 Deck, 1 2/4 Erase 1 2/4 R/PB (1/4 track stereo)	45	0	0
Mark 5 Series 3 Deck, 1 2/4 Erase 1 2/4 Record 1 2/4 PB (1/4 track stereo)	54	0	0
Mark 5 Series 3 Deck, 1 2/4 Erase 1 2/4 R/PB with track selector switch (1/4 track mono)	47	0	0
Mark 510 Series 3 deck, for 10 1/2 in. NAB and standard reels (available with above head assemblies at £12 12s. 0d. extra to the above prices).			

## HEADS

Erase (1/2 track—low impedance)	2	0	0
Erase (2/2 track—low impedance)	4	0	0
Erase (2/4 track—low impedance)	4	0	0
Record/Playback (1/2 track—high impedance)	3	0	0
Record/Playback (2/2 track—high impedance)	8	0	0
Record/Playback (2/4 track—high impedance)	8	0	0
Fitting charges extra			

## ACCESSORIES

Mark 5 Series 3 Amplifier (complete with power unit)	26	0	0
Mark 5 Series 3 metered Amplifier (complete with power unit)	31	5	0
Mark 5 Series 3 Power Unit	5	0	0
Mixer Unit	2	18	0
Screened Jack Plugs		6	3
Screened Cable Sockets		6	3
Radio Coupling Cables		10	0

## MICROPHONES

CRYSTAL:—Acos 39/1	3	3	0
DYNAMIC:—Gramplan DP4H	9	5	0
Base and Swivel Holder	1	14	0
Lustraphone LFV59Z	8	18	6
Base and Cable Exit bush	1	7	6
RIBBON:—Lustraphone VR64Z	7	17	6
Reslo RBT/H	11	2	6
Stands—Desk	2	0	0
Table	4	0	0
Floor	7	0	0

Brenell Engineering reserve the right to alter specifications and prices as modifications are made

**PLEASE NOTE** The Mark 5 Series 3 Amplifier is designed for use as a tape Pre-Amplifier having an output suitable for feeding high-fidelity amplifying equipment and as a complete amplifier for use with a 15 ohm loudspeaker.

**ENGINEERING CO. LTD.**, 231-5 Liverpool Road, London, N.1.

Telephone: NORTH 8271 (5 lines)

**BRENELL**